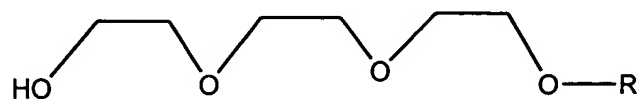


CLAIMS:

1-3 (Canceled).

4. (Currently amended) A method of yielding dendrimer frameworks by the steps of:

reacting triethylene glycol separately with ethyl diazoacetate and benzyl chloride to separately yield an ester and benzyl ester ether of the formula

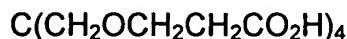


wherein R is ~~CO₂Et~~ CH₂CO₂Et or benzyl;

converting a free hydroxyl of the ester to an amine;

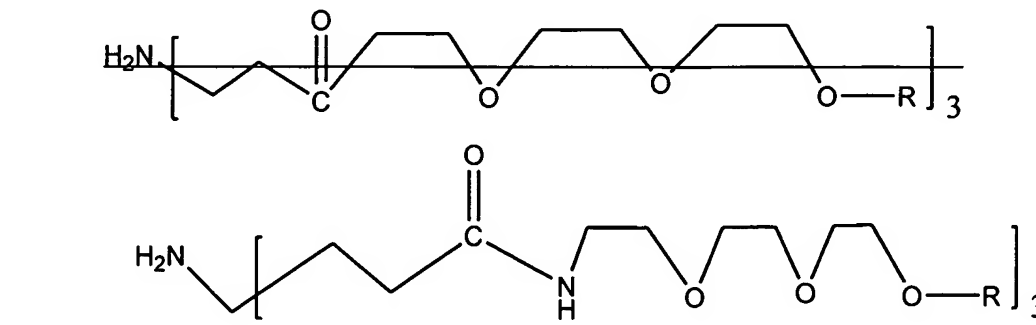
coupling the amine with a nitrotri ~~nitrite~~ (acid chloride) and subsequently reducing the nitro group to form an aminotriester;

forming a dendrimer core by reacting pentaerythritol with acrylonitrile followed by nitrile hydrolysis



~~with the amine~~; and

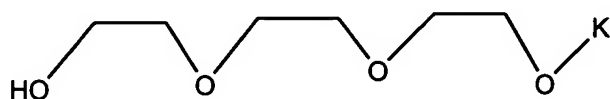
performing selective ester hydrolysis of the core followed by coupling of a monomer of the formula



thereby yielding a first generation dendrimer 33.

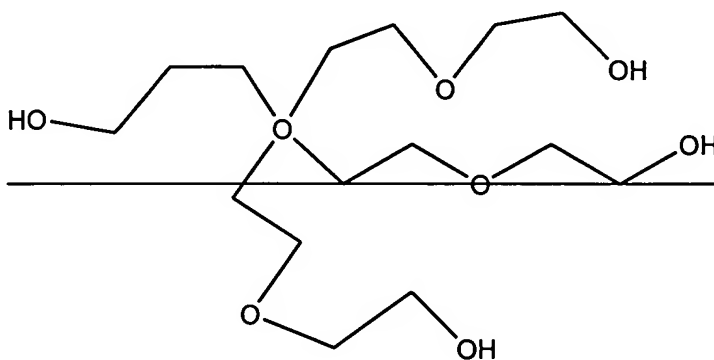
5. (Currently Amended) A method of yielding dendrimer frameworks by the steps of:

reacting triethylene glycol separately with ethyl diazoacetate and benzyl chloride to separately yield an ester and benzyl ester ether of the formula



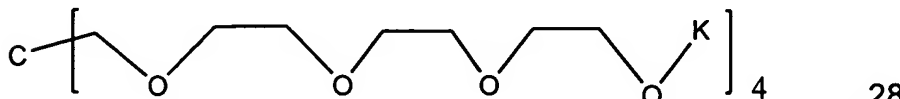
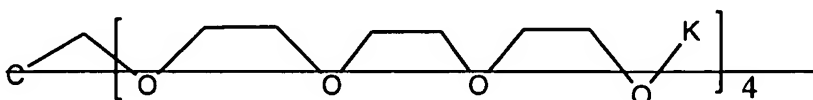
wherein K is ~~CO₂Et~~ CH₂CO₂Et or benzyl, followed by conversion to the corresponding mesylate;

~~reducing a triacid of the formula~~



~~by treatment with acetyl chloride to convert the benzyl to a mesylate and a reaction triol;~~

then reacting the mesylate with pentaerythritol to form a product and ~~reducing the product~~ to yield a core of the formula



28

; and

deprotecting an acetyl moiety ~~on the triacid~~, transforming the moiety to a mesylate and attaching to the core thereby forming a first tier polyether dendrimer.

6-22 (Canceled).